

NAME OF DOCUMENT: Scope of Claims

Claim 1. A press fit terminal for electrically connecting electric conductors of printed boards spaced at an interval to each other, electric conductors of said
5 printed boards and bus bars to each other or said bus bars to each other,

wherein said press fit terminal is formed by bending a rod-shaped material made of conductive metal and has a long first vertical part, a horizontal part bent at a lower end
10 of said first vertical part, and a short second vertical part bent upward at a leading end of said horizontal part; and

an upper portion of said first vertical part is set as a press fit portion to be pressed into a terminal hole of
15 said printed board or a terminal hole of said bus bar disposed at an upper position, and an upper portion of said second vertical part is set as a press fit portion to be pressed into a terminal hole of said printed board or a terminal hole of said bus bar disposed at a lower position.

20 Claim 2. The construction of connecting printed boards by using a press fit terminal, wherein by using a press fit terminal according to claim 1, forming a conductive layer connected with an electric conductor on an inner peripheral surface of a terminal hole of each of said
25 printed boards, and pressing said press fit portions of said

press fit terminal into said terminal holes, said press fit terminal is electrically connected with said electric conductors of said printed boards.

Claim 3. The construction of connecting printed
5 boards by using a press fit terminal according to claim 2, wherein in said printed boards, a peripheral portion of said upper printed board is projected outward beyond a peripheral portion of said lower printed board, and said electric conductors, provided with said terminal holes respectively,
10 are arranged side by side on said upper and lower printed boards along peripheries thereof;

a plurality of said press fit terminals are arranged in a row along said peripheral portions of said printed boards, and with a first vertical part of each of said press
15 fit terminals disposed outside and a second vertical part thereof disposed inside, said press fit terminals are pressed into said terminal holes of said upper and lower printed boards from below in such a way that said press fit portion of said second vertical part of each press fit
20 terminal is pressed into and brought into contact with one of said terminal holes formed on said periphery of said lower printed board and that said press fit portion of said first vertical parts of each press fit terminal is pressed into and brought into contact with one of said terminal
25 holes formed on said periphery of said upper printed board.

Claim 4. The construction of connecting printed boards by using a press fit terminal according to claim 2, wherein said printed boards have an equal size; a cut-off portion through which said first vertical part of said press
5 fit terminal is inserted is formed on said lower printed board; and electric conductors having said terminals holes formed thereon respectively are arranged side by side along said peripheries of said upper and lower printed boards or said cut-off portions,

10 a plurality of said press fit terminals are arranged in a row along said peripheral portions of said printed boards, and with a first vertical part of each of said press fit terminals disposed outside and a second vertical part thereof disposed inside, said press fit terminals are
15 pressed into said terminal holes of said upper and lower printed boards from below in such a way that said press fit portion of said second vertical part of each press fit terminal is pressed into and brought into contact with one of said terminal holes formed on said periphery of said
20 lower printed board, that a lower portion of said press fit portion of said first vertical part of each of said press fit terminals is inserted through said cut-off portion, and that each of said press fit portions is pressed into and brought into contact with one of said terminal holes formed
25 on said periphery of said upper printed board.

Claim 5. The electric junction box accommodating printed boards connected to each other with press fit terminals according to claim 3 or 4, wherein a horizontal part of each of said press fit terminals is supported with a
5 stepwise part projected from a bottom wall of a printed board holding case or a stepwise part projected from a partitioning wall formed inside said electric junction box; and said printed boards are supported with a supporting rib projected from said bottom wall of said printed board
10 holding case or a supporting rib projected from said partitioning wall formed inside said electric junction box.